

Docket No.: 53643-015

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Mikio MUROZONO, et al.

Serial No.:

Group Art Unit:

Filed: July 18, 2003

Examiner:

For: PHOTOVOLTAIC DEVICE AND METHOD FOR PRODUCING THE SAME

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

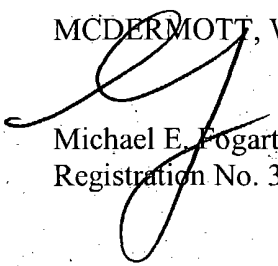
The relevance of each reference, except US 4,407,320, US 4,521,640 and US 4,691,076 is discussed in the present specification.

Serial No.:

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)		ATTY. DOCKET NO. 53643-015		SERIAL NO.	
		APPLICANT Mikio MUROZONO, et al.			
		FILING DATE July 18, 2003		GROUP	

U.S. PATENT DOCUMENTS					
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Codez (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 4,407,320	10/04/1983	LEVINE	
		US 4,521,640	06/04/1985	LEVINE	
		US 4,691,076	09/01/1987	LEVINE, et al.	
	A1	US 2002/0096206	07/25/2002	HAMAKAWA, et al.	
		US 4,806,495	02/21/1989	LEVINE, et al.	
	B1	US 6,204,545	03/20/2001	NAKATA	
		US			
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FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number - Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation
		JP 2001-339086	12/07/2001	ISHIDA, et al.		Yes No
		JP 11-31837	02/02/1999	UEMATSU, et al.		abstract
		JP 2002-164554	06/07/2002	HAMAKAWA, et al.		abstract
		JP 2002-50780	02/15/2002	FUKUI, et al.		abstract
		JP 61-124179 corresponds to JP 7-54855	06/11/1986			partial

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		LEVINE, et al. "Basic Properties of the Solar TM Cell" IEEE (1991) pp.1045-1048.

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.